International Application No

PCT/EP2004/051140 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G09F19/12 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 GO9F GO2B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No Category ° Citation of document, with indication, where appropriate, of the relevant passages X EP 0 187 410 A (GLOBETECH LTD) 1,2,15 16 July 1986 (1986-07-16) page 9, line 14 - line 25 figures 1,2 X GB 1 131 913 A (PERTINT LTD) 1,2,8,9, 12, 13, 15 30 October 1968 (1968-10-30) page 2, right-hand column, line 83 - line 95 figures 1,2 WO 89/02637 A (ERLENDSSON GUDNI ; HJALTASON 1-7 Α THORGEIR DANIEL (DK)) 23 March 1989 (1989-03-23) page 5, line 15 - line 22 figure 4 -/--X Further documents are listed in the continuation of box C Patent family members are listed in annex Special categories of cited documents *T* later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention 'E' earlier document but published on or after the international "X" document of particular relevance, the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *Y* document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other, such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means in the art "P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 25/11/2004 18 November 2004 Name and mailing address of the ISA Authorized officer European Patent Office, P B 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx 31 651 epo nl. Pantoja Conde, A

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International Application No
PCT/EP2004/051140

		PCT/EP2004	1/051140
C.(Continua	ition) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No
A	US 6 275 339 B1 (BLANC CHRISTOPHE E ET AL) 14 August 2001 (2001-08-14) column 3, line 64 - column 4, line 10 figure 4		1-7
Α	US 5 842 297 A (TUNG CHING-YUNG) 1 December 1998 (1998-12-01) column 3, line 25 - line 44 figures 3-5		1-7
A	US 2 623 313 A (FUCHS PAUL E) 30 December 1952 (1952-12-30) column 3, line 9 - line 67 column 5, line 15 - column 664 figures 1-15		1-15
А	DE 37 15 127 A (HENNING ALBERT) 8 September 1988 (1988-09-08) column 3, line 52 - column 4, line 26 column 6, line 48 - column 7, line 7 column 7, line 44 - column 8, line 18 figures 1-5		1,8-15
Α	US 4 711 044 A (DANJELL BARBARA) 8 December 1987 (1987-12-08) column 3, line 50 - column 4, line 28 figure 3		1-15
А	US 6 131 322 A (HJALTASON THORGEIR DANIEL) 17 October 2000 (2000-10-17) the whole document		1-15
A	US 5 829 177 A (HJALTASON THORGEIR DANIEL) 3 November 1998 (1998-11-03) figures 4-6		1-15

Information on patent family members

International Application No
PCT/EP2004/051140

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0187410	A	16-07-1986	GB	2168519 A	18-06-1986
			AU	578773 B2	03-11-1988
			AU	5118585 A	19-06-1986
			BR	8506241 A	26-08-1986
			CN	85109775 A	30-07-1986
			EP	0187410 A1	16-07-1986
			ES	8705610 A1	16-07-1987
			IN	166605 A1	09-06-1990
			JP	61160789 A	21-07-1986
			MX	162098 A	27-03-1991
			ZA 	8509268 A	27-08-1986
GB 1131913	A	30-10-1968	DE	1284571 B	05-12-1968
WO 8902637	Α	23-03-1989	DK	472987 A	11-03-1989
			AU	2481788 A	17-04-1989
			WO 	8902637 A1	23-03-1989
US 6275339	B1	14-08-2001	FR	2776811 A1	01-10-1999
			CA	2266922 A1	25-09-1999
			EP	0945674 A1	29-09-1999
US 5842297	A	01-12-1998	AU	684700 B3	18-12-1997
			DE	29702428 U1	10-04-1997
			GB	2321992 A ,B	
US 2623313	Α	30-12-1952	NONE		
DE 3715127	Α	08-09-1988	DE	3715127 A1	08-09-1988
			DE	3800618 A1	20-07-1989
			AU	1346388 A	26-09-1988
			WO	8806777 A1	07-09-1988
			EP	0305422 A1	08-03-1989
US 4711044	Α	08-12-1987	US	4767477 A	30-08-1988
US 6131322	Α	17-10-2000	US	5682697 A	04-11-1997
			US	5414947 A	16-05-1995
			AT	182710 T	15-08-1999
			AU	2767792 A	03-05-1993
			BR	9206583 A	31-10-1995
			CA	2119473 A1	15-04-1993
			CN	1073285 A ,B	
			CZ	9400744 A3	16-10-1996
			DE	69229675 D1	02-09-1999
			DK	607261 T3	06-03-2000
			EP	0607261 A1	27-07-1994
			EP	0939389 A2	01-09-1999
			ES	2137195 T3	16-12-1999
			FĪ	941541 A	27-05-1994
			GR	3031616 T3	31-01-2000
			HÜ	68423 A2	28-06-1995
			JP	3312732 B2	12-08-2002
				8505705 T	18-06-1996
			JP	8505705 T 9205642 A1	18-06-1996 01-06-1993
			JP MX	9205642 A1	01-06-1993
			JP		

Information on patent family members

International Application No PCT/EP2004/051140

1	Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US	6131322	Α		RU WO	2194311 C2 9307605 A1	10-12-2002 15-04-1993
US	5829177	A .	03-11-1998	GB AT AU BR CA CN CZ DE EP ES WO GR HU PT OA RU	2304960 A ,B 187569 T 703553 B2 6885396 A 9610147 A 2231334 A1 1165363 A 9800682 A3 69605560 D1 69605560 T2 0848848 A1 2143219 T3 9709707 A1 3032916 T3 9903986 A2 11512197 T 980992 A 325422 A1 848848 T 6240664 B1 10757 A 2165650 C2	26-03-1997 15-12-1999 25-03-1999 27-03-1997 21-12-1999 13-03-1997 19-11-1997 16-12-1998 13-01-2000 27-07-2000 24-06-1998 01-05-2000 13-03-1997 31-07-2000 28-03-2000 19-10-1999 30-04-1998 20-07-1998 30-06-2000 05-06-2001 13-12-2002 20-04-2001
				KU 	2165650 C2 	20-04-2001